

Examiner Signature	/Hung Dang/	Date Considered	05/29/2007
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <b>(PTO-1449)</b>			<b>ATTY. DOCKET NO.</b> 60097-0026	<b>SERIAL NO.</b> 09/827,029		
			<b>APPLICANT:</b> James M. Barton, et al.			
			<b>FILING DATE:</b> April 5, 2001	<b>GROUP:</b> 2615		
<b>U.S. PATENT DOCUMENTS</b>						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		<b>Name of Patentee or Applicant of Cited Document</b>	<b>Date of Publication of Cited Document</b> MM-DD-YYYY	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		Number	Kind Code <sup>2</sup> (If known)			
/HD/	5,089,885		Clark	02-18-1992	Text Provided on CD- ROM	
/HD/	5,109,281		Koberi et al.	04-28-1992		
/HD/	5,118,105		Brim et al.	06-02-1992		
/HD/	5,130,792		Tindell et al.	07-14-1992		
/HD/	5,132,992		Yurt et al.	07-21-1992		
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/HD/	5,153,726		Billing	10-06-1992		
/HD/	5,168,353		Walker et al.	12-01-1992		
/HD/	5,172,413		Bradley et al.	12-15-1992		
/HD/	5,208,665		McCalley et al.	05-04-1993		
/HD/	5,214,768		Martin et al.	05-25-1993		
/HD/	5,233,603		Tekeuchi	08-03-1993		
/HD/	5,241,428		Goldwasser et al.	08-31-1993		
/HD/	5,245,430		Nishimura	09-14-1993		
/HD/	5,247,347		Litteral et al.	09-21-1993		
/HD/	5,251,009		Bruno	10-05-1993		
/HD/	5,253,275		Yurt et al.	10-12-1993		
/HD/	5,283,659		Akiyama et al.	02-01-1994		
/HD/	5,287,182		Haskell et al.	02-15-1994		
/HD/	5,329,320		Yifrach	07-12-1994		
/HD/	5,357,276		Banker et al.	10-18-1994		
/HD/	5,371,551		Logan et al.	12-06-1994		
/HD/	5,438,423		Lynch et al.	08-01-1995		
/HD/	5,477,263		O'Callaghan et al.	12-19-1995		

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/HD/	5,488,409			Yuen et al.	01-30-1996	Text Provided on CD-ROM
/HD/	5,513,011			Matsumoto et al.	04-30-1996	
/HD/	5,559,999			Maturi et al.	09-24-1996	
/HD/	5,612,749			Bacher et al.	03-18-1997	
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/HD/	5,635,984			Lee	09-03-1997	
/HD/	5,659,539			Porter et al.	08-19-1997	
/HD/	5,701,383			Russo et al.	12-23-1997	
/HD/	5,751,371			Shintani	05-12-1998	
/HD/	5,771,334			Yamauchi et al.	06-23-1998	
/HD/	5,774,170			Hite et al.	06-30-1998	
/HD/	5,815,689			Shaw et al.	09-29-1998	
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/HD/	5,870,553			Shaw et al.	02-09-1999	
/HD/	5,899,578			Yangihara et al.	05-04-1999	
/HD/	5,920,572			Washington et al.	07-06-1999	
/HD/	5,949,948			Krause et al.	09-07-1999	
/HD/	5,949,954			Young et al.	09-07-1999	
/HD/	5,956,716			Kenner et al.	09-21-1999	
/HD/	5,973,679			Abbott et al.	10-26-1999	
/HD/	5,995,709			Tsuge	11-30-1999	
/HD/	5,999,691			Takagi et al.	12-07-1999	
/HD/	6,002,832			Yoneda	12-14-1999	
/HD/	6,005,562			Shiga et al.	12-21-1999	

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		<b>APPLICANT:</b> James M. Barton, et al.	
		FILING DATE: April 5, 2001	GROUP: 2615

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U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			

FOREIGN PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>			

OTHER ART – NO PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				Translation <sup>2</sup>
/HD/		Official Action from EPO for foreign patent application no. 99 909 867.6-2202 dated 27 December 2005 (5 pgs) – attached.				
/HD/		Current Claims in EPO patent application no. 99 909 867.6-2002 (9 pgs) – attached.				

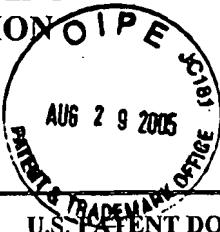
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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
**(PTO-1449)**



**ATTY. DOCKET NO.**  
60097-0026

**SERIAL NO.**  
09/827,029

**APPLICANT:**  
James M. Barton, et al.

**FILING DATE:**  
April 5, 2001

**GROUP:**  
2615

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

**OTHER ART – NO PATENT LITERATURE DOCUMENTS**

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/HD/		U.S. Published Application No. 2005-0132418-A1, published on 6/16/2005.	

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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> 		Attorney Docket No.: 60097-0026	Application Number: 09/827,029
		First Named Inventor: James M. Barton, et al.	
		Filing Date: April 05, 2001	Group: 2615

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		Number	Kind Code <sup>2</sup> (If known)			
/HD/	3,682,363			Hull	08-08-1972	
/HD/	3,942,190			Detweiler	03-02-1976	
/HD/	4,141,039			Yamamoto	02-20-1979	
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/HD/	4,258,418			Heath	03-24-1981	
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/HD/	4,408,309			Kiesling et al.	10-04-1983	
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/HD/	4,789,961			Tindall	12-06-1988	
/HD/	4,805,217			Morihiro et al.	02-14-1989	
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/HD/	4,939,594			Moxon et al.	07-03-1990	
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/HD/	4,963,866			Duncan	10-16-1990	

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)			Attorney Docket No.:	Application Number:
			60097-0026	09/827,029
			First Named Inventor: James M. Barton, et al.	
/HD/	4,963,995		Lang	10-16-1990
/HD/	4,972,396		Rafner	11-20-1990
/HD/	4,979,050		Westland et al.	12-18-1990
/HD/	4,991,033		Takeshita	02-05-1991
/HD/	5,001,568		Efron et al.	03-19-1991
/HD/	5,018,186		Kimura et al.	05-21-1991
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/HD/	5,027,241		Hatch et al..	06-25-1991
/HD/	5,047,857		Duffield et al.	09-10-1991
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/HD/	5,063,453		Yoshimura et al.	11-05-1991
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/HD/	5,317,604		Osterweil	05-31-1994
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/HD/	5,412,416		Nemirofsky	05-02-1995
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/HD/	5,440,334		Walters et al.	08-08-1995
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/HD/	5,550,982		Long et al.	08-27-1996
/HD/	5,555,463		Staron	12-10-1996
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 60097-0026	Application Number: 09/827,029
		First Named Inventor: James M. Barton, et al.	
		Filing Date: April 05, 2001	

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/HD/		5,629,732		Moskowitz et al.	05-13-1997	
/HD/		5,696,866		Iggulden et al.	12-09-1997	
/HD/		5,721,815		Ottesen et al.	02-24-1998	
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/HD/		5,805,763		Lawler et al.	09-08-1998	
/HD/		5,822,493		Uehara et al.	10-13-1998	
/HD/		5,864,682		Porter et al.	05-21-1997	
/HD/		5,892,884		Sugiyama et al.	04-06-1999	
/HD/		5,930,444		Camhi et al.	07-27-1999	
/HD/		5,949,948		Krause et al.	09-07-1999	
/HD/		6,005,562		Shiga et al.	12-21-1999	
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/HD/		6,138,147		Weaver et al.	10-22-1997	
/HD/		6,141,385		Yamaji et al.	10-31-2000	
/HD/		6,154,771		Rangan et al.	11-28-2000	
/HD/		6,163,644		Owashi et al.	12-19-2000	
/HD/		6,249,641	B1	Yokota	06-19-2001	
/HD/		6,256,704	B1	Hlava et al.	07-03-2001	
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/HD/		6,278,837	B1	Yasukohchi et al.	08-21-2001	

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<b>Substitute for Form 1449A/PTO (Modified)</b> (use as many sheets as necessary)	<b>Attorney Docket No.:</b> 60097-0026	<b>Application Number:</b> 09/827,029
	<b>First Named Inventor:</b> James M. Barton, et al.	<b>Filing Date:</b> April 05, 2001

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 60097-0026	Application Number: 09/827,029
		First Named Inventor: James M. Barton, et al.	
		Filing Date: April 05, 2001	
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
		Inside Macintosh "QuickTime", Apple Technology Library by Apple Computer, Inc., © 1993 (published by Addison-Wesley Publishing Company) 719 pgs.	
/HD/		Inside Macintosh "Files", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 532 pgs.	
/HD/		Inside Macintosh "Memory", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 303 pgs.	
/HD/		Inside Macintosh "QuickTime Components", Apple Technology Library by Apple Computer, Inc., © 1993 (published by Addison-Wesley Publishing Company) 828 pgs.	
/HD/		Inside Macintosh "Overview", Apple Technology Library by Apple Computer, Inc., © 1992 (published by Addison-Wesley Publishing Company) 251 pgs.	
/HD/		Quantum Q500 Series High Capacity 5 1/4" Fixed Disk Drive, Quantum Corporation, © 1983 (2 pgs)	
/HD/		Quantum 2000 Series Low-Cost 8' Fixed Disk Drives, "New DC Motor Option", Quantum Corporation (2 pgs)	
/HD/		Quantum Q2080 Low-Cost, 85 Megabyte Fixed Disk Drive, "85 Mb capacity/40ms average access time", Quantum Corporation, © 1982 (2 pgs)	
/HD/		OEM Interface Specifications for DSAA-3xxx, "3.5-Inch Hard Disk Drive with ATA Interface, IBM Corporation, © 1994 (65 pgs).	
/HD/		International Standard ISO/IEC 11172-2:1993(E), (Part 2: Video), Downloaded 6/15/05 (136 pgs).	
/HD/		International Standard ISO/IEC 11171-3:1993/Cor.1:1996(E), (Part 3: Audio), Downloaded 6/15/05 (159 pgs).	
/HD/		Hewlett Packard® MPEGscope User's Guide, Hewlett Packard Company © 1997-2000 (282 pgs).	
/HD/		DiviCom, MP100 User Guide, DiviCom, Inc., © 1996 (97 pgs).	

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/HD/		Hewlett Packard® MPEGscope Startup Guide, Hewlett Packard Company © 1997-2000 (39 pgs).	
/HD/		MediaStream by Media4, "Desktop Satellite Multimedia", "The MediaStream Receiver Card", "MediaStream Uplink System", by Media4, Inc. (2 pgs).	
/HD/		Jim Stratigos et al., Media4 Press Release "Announces Reseller Agreement with AlphaStar Television Networks", Microsoft® and Windows® 95 (3 pgs).	
/HD/		Jim Stratigos et al., Media4 Press Release "Announces Multimedia Satellite Network for Personal Computers", Microsoft® and Windows® 95 (3 pgs).	
/HD/		Media Stream, "Satellite Receiver" Installation and Users Guide for Windows 95, Media4, Inc., © 1996 (33 pgs).	
/HD/		International Standard ISO/IEC 13818-1:2000(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Systems", © ISO/IEC 2000, Downloaded 6/30/05 (173 pgs).	
/HD/		International Standard ISO/IEC 13818-1:2000/Amd.2:2004(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Systems", Amendment 2: Support of IPMP on MPEG-2 Systems, © ISO/IEC 2004, Downloaded 6/30/05 (13 pgs).	
/HD/		International Standard ISO/IEC 13818-2:2000(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Video", © ISO/IEC 2000, Downloaded 6/30/05 (219 pgs).	
/HD/		International Standard ISO/IEC 13818-3:1998(E) "Information Technology – Generic Coding of Moving Pictures and Associated Audio Information: Audio", © ISO/IEC 1998 (125 pgs).	
/HD/		Guide to VAX/VMS File Applications,, Software Version VAX/VMS Version 4.0, September 1984 (19 pgs).	
/HD/		Herrick M. Vin, et al., <i>Designing A Multiuser HDTV Storage Server</i> , IEEE Journal, Vol. 11, No. 1, January 1993 (pps. 153-164).	
/HD/		Quantum Fireball 640/1280S Product Manual, Quantum®, Copyright © 1995 by Quantum Corporation (190 pgs).	

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/HD/		Winston Hodge, et al., "Chapter 7, True Video on Demand vs. Near Video on Demand", delivered at National Cable Television Conference, May 24, 1994 (pps. 103-120).	
/HD/		Cyril U. Orji, et al., "Design and Configuration Rationales for Digital Video Storage and Delivery Systems", Multimedia Tools and Applications, 9, 275-302 (1992), © 1992 Kluwer Academic Publishers, Boston (pps. 275-302).	
/HD/		SCSI Specification, 0663 and 0663 Enhanced Disk Drive, Release 4.0, (247 pgs).	
/HD/		R. Johnston, et al., "A Digital Television Sequence Store", IEEE, (pps. 594-600) © 1978.	
/HD/		M. Hausdorfer, "Symposium Record Broadcast Sessions", HDTV Production: Today and Tomorrow, June 17, 1989, (7 pgs).	
/HD/		S. Berson, "Computer Science Department Technical Report", Staggered Striping in Multimedia Information System, December 1993, April 29, 1994, (24 pgs).	
/HD/		S. Berson, et al., "Design of a Scalable Multimedia Storage Manager", (pps. 1-30).	
/HD/		Conner Filepro Performance Series, CFP1060E/CFP1060S/CFP1060W, "Intelligent Disk Drive Product Manual", Rev. A, May 1994, © 1994, Conner Peripherals, Inc., (79 pgs).	
/HD/		Hugh M. Sierra, "An Introduction to Direct Access Storage Devices", © 1990 by Academic Press, Inc., (269 pgs).	
/HD/		I. Freedman, et al., "Systems Aspects of COBE Science Data Compression", Cosmology Data Analysis Center, (pps. 85-97).	
/HD/		Douglas T. Anderson, "The Hard Disk Technical Guide", Tenth Revision S-D., February 1994, © 1990, 1991, 1992, 1993, 1994 by Micro House International Inc., (70 pgs).	

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/HD/		Official Action from CN for foreign patent application no. 02816471.1 dated 21 October 2005 (5 pgs) – attached.	
/HD/		Current Claims in CN patent application no. 02816471.7 (10 pgs) – attached.	
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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION  
(PTO-1449)**



ATTY. DOCKET NO. 60097-0026	SERIAL NO. 09/827,029
APPLICANT: James M. Barton, et al.	
FILING DATE: April 5, 2001	GROUP: 2615

**U.S. PATENT DOCUMENTS**

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
/HD/		5,889,915		Hewton	3/30/99	

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
/HD/		EPO	0817483A2		Kabushiki Kaisha Toshiba (JP)	98-07-01		
/HD/		EPO	0726574A2		Matsushita Electronic Industrial Co.	96-14-08		

**OTHER ART – NO PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
/HD/		Office Action from CN for foreign patent application no. 200410056388.3 dated 25 November 2005 (15 pgs) – attached.	
/HD/		Current Claims in CN patent application no. 200410056388.3 (9 pgs) – attached.	

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<b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <b>(PTO-1449)</b>				Attorney Docket No.: 60097-0026	Application Number: 09/827,029	
				First Named Inventor: James M. Barton, et al.		
				Filing Date: April 05, 2001	Group: 2615	
<b>U.S. PATENT DOCUMENTS</b>						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
/HD/		5,648,824		Dunn et al.	07-15-1997	
/HD/		6,400,407	B1	Zigmond et al.	06-04-2002	

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Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
		WO	92/22983	A2	Browne et al.	12-23-1992		

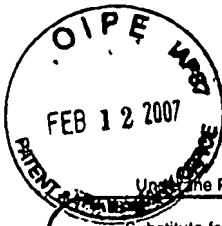
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>						
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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

01 1

**Complete if Known**

Application Number	09/827,029
Filing Date	April 5, 2001
First Named Inventor	James Barton
Art Unit	2621
Examiner Name	Boccio, Vincent F.
Attorney Docket Number	60097-0026

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS					
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		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)			

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)		ATTY. DOCKET NO. 60097-0026	SERIAL NO. 09/827,029
		APPLICANT: James M. Barton, et al.	
		FILING DATE: April 5, 2001	GROUP: 2615

U.S. PATENT DOCUMENTS						
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/HD/		5,442,390		Hooper, et al.	8/15/1995	

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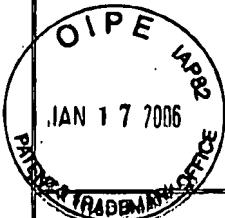
<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
**(PTO-1449)**



<b>ATTY. DOCKET NO.</b> 60097-0026	<b>SERIAL NO.</b> 09/827,029
<b>APPLICANT:</b> James M. Barton, et al.	
<b>FILING DATE:</b> April 5, 2001	<b>GROUP:</b> 2615

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/HD/		5,899,578		Yanagihara et al.	5/4/1999	
/HD/		5,577,190		Peters	11/19/1996	
/HD/		6,169,843		Lenihan et al.	1/2/2001	
/HD/		6,788,882		Geer et al.	9/7/2004	
/HD/		2005/0025469		Geer et al.	2/3/2005	

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/HD/		International Standard ISO/IEC 11172 (MPEG-1 Standard, Part 1: Systems)	
/HD/		K. Shen et al., <i>A Fast Algorithm for Video Parsing Using MPEG Compressed Sequences</i> , IEEE, pp. 252-255 (0-8185-7310-9/626/1995).	
/HD/		S. Smollar et al., <i>Content-based Video Indexing and Retrieval</i> , IEEE, Summer 1994, pp. 62-72.	
/HD/		J. Meng et al., <i>CVEPS-A Compressed Video Editing and Parsing System</i> , ACM Multimedia '96, Boston MA, pp. 43-53 (ACM 0-89791-671-1/96/1).	
/HD/		H. Zhang et al., <i>Video Parsing Retrieval and Browsing: An Integrated and Content-Based Solution</i> , ACM Multimedia 95-Electronic Proceedings (Nov. 5-9, 1995, San Francisco, CA).	

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